Illinois Department of Transportation

Memorandum

To:	DEPUTY SECRETARIES, DIRECTORS AND BUREAU CHIEFS
From:	Becky Koehler Bureau Chief of Personnel Management
Subject:	Technical Vacancy
Date:	March 12, 2018

Attached are the Position Summary Sheet and Position Description for the vacant technical position listed below. Please post this vacancy announcement March 14, 2018 in the designated areas.

The deadline for applicants to submit their applications for consideration is **4:30 p.m.** on **Tuesday, March 27, 2018**. Applications will not be accepted after that time and date.

NOTE: Please be advised that if a high volume of applications are received, the applications may be screened to establish a smaller pool of applicants for interview. The screening will be based on the information contained in the application.

If you have any questions, please contact the Bureau of Personnel Management at 217/782-5594.

TM II (2 positions) .NET Developer Trainee
Bureau of Information Processing
Office of Finance and Administration
Springfield

Attachments
42670

Technical Applications PM1080 rev 6/1/17**must be received** by the Bureau of Personnel Management, Room 113, 2300 South Dirksen Parkway, Springfield, IL 62764 (Fax# 217/557-3134) or emailed to DOT.CO.BPM.EmploymentApplications@Illinois.gov by **Tuesday, March 27, 2018, 4:30 p.m.** Please include address, daytime phone and position for which applying if not already listed on application. Applicants will be notified in writing to schedule interviews.

<mark>NOTE: Please be advised that if a high volume of applications are received, the applications may be screened to establish a smaller pool of applicants for interview. The screening will be based on the information contained in the application.</mark>

Illinois Department of Transportation

An Equal Opportunity Employer

Position Summary Sheet

Classification:	**Technical Manager II (2 Positions)**
Position Title:	**.NET Developer Trainee**
Position Number:	**PW412 23-40-205-30-01**

Salary:	**$4,105 - $5,710***
Union Position:	☒ **Yes** ☐ **No**
IPR#:	**42670**

Office/Central Bureau/District/Work Address:

Office of Finance & Administration/ Bureau of Information Processing / 2300 South Dirksen Parkway,Springfield, IL

Description Of Duties:

This position is responsible for assisting as a developer in the design, development, maintenance, and technical support of many of the department's multi-user, client/server, and web based technology applications, including .NET MVC, Angular, and SharePoint applications.

Special Qualifications:

Desired:
- Completion of four years of college, preferably with courses in computer science or management systems
- Two years of experience in application development using C#, .NET Framework, MS SQL, HTML and JavaScript
- Working knowledge of Internet/Intranet technology
- Working knowledge of NS SQK and Database Design
- Working knowledge of Microsoft development technologies and software packages including MS Office Suite, SharePoint, and Visual Studio

Shift/Remarks:

8:00 am - 4:30 pm / Monday – Friday

*Individual salary offers are computed based on an applicant's current position and experience level in comparison to the posted title as well as internal equity of staff in the organizational unit.

**Technical Application PM1080 (revised 6/1/17) is required. No previous version of the PM1080 will be accepted.

ILLINOIS DEPARTMENT OF TRANSPORTATION
POSITION DESCRIPTION

DATE:	January 26, 2018	**POSITION:**	.Net Developer Trainee
APPROVED BY:	Dan Wilcox	**OFFICE/DIVISION:**	Finance & Administration/Bureau of Information Processing
CODE:	PW412 23-40-205-30-01	**REPORTS TO:**	Distributed Systems Unit Manager

Position Purpose

This position is accountable for assisting as a developer in the design, development, maintenance, and technical support of many of the department's multi-user, client/server, and web based technology applications, including .NET MVC, Angular, and SharePoint applications.

Dimensions

Number of new development projects	10-15- Annually
Number of Business & Engineering Technology Systems	171
Technology User Based Supported	5,400 +/-
Estimated Code Value	$125 million

Nature and Scope

This position reports to the Distributed Systems Unit Manager. There is no staff that reports to this position, however, the position functions as a project team member in a matrix organizational structure along with other developers and consultant resources as needed.

Under the supervision of the Distributed Systems Unit Manager, this position assists with the analysis, development, delivery and support of high quality business software. The incumbent will also assist with the evaluation of the effects of changes requested to meet departmental needs; adheres to development standards and tests implemented changes on existing technology systems.

The greatest challenge of this position is to assist with the design, development and implementation of technology applications that maximize the department's technology resources and ensure timely and effective completion of assigned project objectives. To meet this challenge the incumbent must combine the complex and dynamic requirements of the department with state-of-the-art technology and computer systems utilizing the Microsoft Visual Studio, Microsoft SharePoint (2013+), RESTful services, Microsoft SQL server databases and interfacing applications with the Microsoft Office Suite. Typical problems of this position relate to the incumbent's ability to assist with the effective application of practical operational experience to the development of computerized solutions in response to computer users' needs.

This position assists with the application of new technologies and applications to meet the needs of the department's computing community; the integration of those technologies and applications with the department's existing resources, working with project end users and stakeholders to develop procedures and documentation to optimize the usage of new technologies and applications, and the resolution of problems encountered by the end users. The incumbent is accountable, with guidance and direction, for participating in the analysis, testing, and documenting of the necessary systems and maintenance/enhancements to existing database systems. S/He provides procedural assistance and training to the users of systems to ensure operational efficiency. On the development projects, the incumbent works closely with other members of the Distributed Systems Unit and with users to analyze, design, test, and implement technology applications and systems.

This position has frequent contacts with other areas of the department for the purpose of analyzing user needs and requests for maintenance of existing technology systems. Contacts outside of the department would be with other developer communities and technical specialists from other state, local, or federal agencies with similar functions or with vendors of Intranet-based application products and services. This position functions in a customer service role and is expected to provide a responsive and respectful relationship with project team members, stakeholders and end users.

Under the supervision of the Distributed Systems Unit Manager, this position has the freedom to act and resolve user problems. When an action affects the units' or users' budget; project time constraints or affects department standards or procedures, the matter will be referred to the supervisor for resolution. S/He is constrained by departmental regulations.

The effectiveness of this position is measured by the continued operational effectiveness of existing technology systems and the providing of cost effective usage to optimize the Department's project management capabilities through new technology system development.

Principal Accountabilities

1. Assists in the development of new technology applications utilizing the HTML, JavaScript/Typescript (and Frameworks), .NET Framework, MVC, C# and MS SQL databases.

2. Assists in the enhancement of existing technology applications and databases to optimize the new features of the development environment and facilitate changing business needs.

2. Provides operational assistance and support for application issues throughout the agency.

3. Tests and provides written documentation for new programs and technology applications.

4. Performs duties in compliance with departmental safety rules.

5. Performs all duties in a manner conducive to the fair and equitable treatment of all employees.

6. Performs other duties as assigned.